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List of Publications

- M. Tachiki, H. Matsumoto, T. Koyama and H. Umezawa: Self-Induced Vortices in Magnetic Superconductors. *Solid State Commun.* **34** (1980), pp. 19–23.
- M. Tachiki, T. Koyama, H. Matsumoto and H. Umezawa: Spin Fluctuation and Ultrasonic Attenuation in Magnetic Superconductors. *Solid State Commun.* **34** (1980), pp. 269–273.
- M. Tachiki, S. Takahashi, H. Matsumoto and H. Umezawa: Magnetic Scattering of Neutrons in Magnetic Superconductors. *Solid State Commun.* **35** (1980), pp. 393–396.
- C. Y. Huang, S. E. Kohn, S. Maekawa and J. L. Smith: Anomalous Temperature Dependence of the Upper Critical Fields in Magnetic Superconducting $Y_{1-x}Gd_xRh_4B_4$. *Solid State Commun.* (1981).
- S. Maekawa, M. Tachiki and S. Takahashi: Vortex Structure in Ferromagnetic Superconductors. to appear in *J. Magnetism and Magnetic Materials* (1981).
- M. Tachiki, A. Kotani, S. Takahashi, T. Koyama, H. Matsumoto and H. Umezawa: Anomalous Behavior of the Surface State in Ferromagnetic Superconductors. *Solid State Commun.* (1981).
- A. Kotani, S. Takahashi, M. Tachiki, H. Matsumoto and H. Umezawa: Anomalous Properties of Thin Films of Ferromagnetic Superconductors. *Solid State Commun.* (1981).
- M. Tachiki: Unusual Magnetic and Superconducting Behavior of Ternary Superconductors. *The Proceedings of the Int. Conf. Ternary Superconductors* (1980).
- E. Matsushita and T. Matsubara: Note on Inverse Isotope Effect in Superconducting PdH_x System. *Prog. Theor. Phys.* **63** (1980), 357.
- K. Machida, K. Nokura and T. Matsubara: A New Pairing State and Partial Destruction of Pairing in Antiferromagnetic Superconductors. *Phys. Rev. Letters* **44** (1980), 821.

K. Machida, K. Nokura and T. Matsubara: Theory of Antiferromagnetic Superconductors. Phys. Rev. B22 (1980), 2307.

K. Machida, T. Kōyama and T. Matsubara: Theory of CDW Superconductors. Phys. Rev. B23 (1981), 97.

K. Machida: Theory of Antiferromagnetic Superconductors in Rare Earth Ternary Compounds. Jpn. J. Appl. Phys. (1981). No. 4.

E. Matsushita: Electron Theory of Inverse Isotope Effect in Superconducting PdH_x System. to appear in Solid State Commun. (1981).